(a) the client sending to the data mover computer at least one request for write access to a file;

(b) the data mover computer receiving said at least one request for write access to the file, granting to the client a lock on at least a portion of the file, and sending to the client metadata of the file including information specifying data storage locations in the cached disk array for storing data of the file;

(c) the client receiving from the data mover computer the metadata of the file, using the metadata of the file to produce at least one data access command for writing data to the data storage locations in the cached disk array for storing data of the file, the data access command including the data to be written to the data storage locations in the cached disk array for storing data of the file and specifying the data storage locations in the cached disk array for storing the data to be written, and sending the data access command over a data path that bypasses the data mover computer to access the data storage locations in the cached disk array for storing the data to be written;

(d) the file server responding to the data access command by writing the data to be written to the data storage locations in the cached disk array for storing the data to be written;

(e) the client modifying the metadata from the data mover computer in accordance with the writing of the data to be written to the data storage locations in the cached disk array for storing the data to be written; and

(f) the client sending the modified metadata to the data mover computer after the data has been written to the data storage locations in the cached disk array for storing the data to be written. --